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## OSCAL Tiger 8

# OSCAL Tiger 8 5G Android Phone Instruction Manual

Model: Tiger 8 | Brand: OSCAL

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## 1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your OSCAL Tiger 8 5G Android Phone. Please read through these instructions carefully to ensure optimal performance and longevity of your device.

## 2. WHAT'S IN THE Box

Verify that all items are present in your product packaging:

- OSCAL Tiger 8 5G Android Phone
- Charger & USB-C Cable
- Phone Case
- Screen Protector
- Card Pin
- User Manual

## Packaging Includes:



Smartphone



Charger



Case



Screen Protector



Card Pin



Manual



USB-C Cable

Image: Contents of the OSCAL Tiger 8 5G packaging, including the smartphone, charger, USB-C cable, phone case, screen protector, card pin, and user manual.

Video: An unboxing video for the OSCAL Tiger 8 5G, demonstrating the contents of the retail package and initial handling of the device.

### 3. INITIAL SETUP

- Insert SIM Card:** Use the provided card pin to open the SIM tray. Insert your 5G-compatible SIM card(s) and/or a microSD card for expanded storage. Ensure the tray is securely closed.
- Power On:** Press and hold the power button located on the side of the device until the OSCAL logo appears.
- Initial Configuration:** Follow the on-screen prompts to select your language, connect to Wi-Fi, set up your Google account, and configure security features like fingerprint or face unlock.
- Screen Protector & Case:** Your device comes with a pre-installed screen protector and a protective case. Ensure they are properly applied for enhanced durability.
- Charge Battery:** For first use, it is recommended to fully charge the device using the provided charger and USB-C cable.

Video: An operation guide for OSCAL phones, demonstrating basic usage and setup steps to enhance user experience.

## 4. OPERATING INSTRUCTIONS

### 4.1. Display and Visuals

The OSCAL Tiger 8 features a 6.88-inch HD+ display with an AI-Adaptive 120Hz refresh rate for a smooth and clear visual experience. The display automatically adjusts its refresh rate based on content to optimize power efficiency.

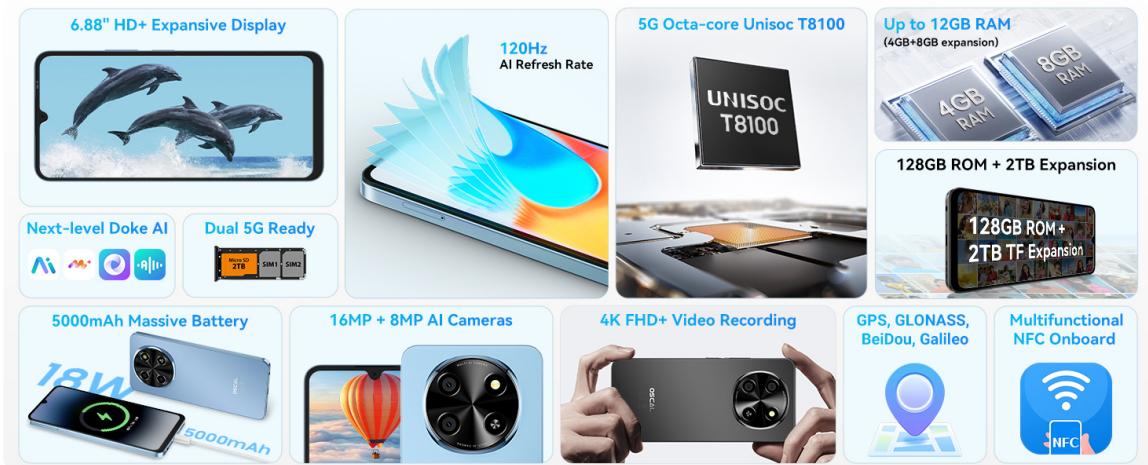


Image: The 6.88-inch immersive waterdrop display of the OSCAL Tiger 8, highlighting its 120Hz AdaptiveSync refresh rate, 720\*1640 resolution, 20.5:9 aspect ratio, HD+ IPS screen type, and 89.7% screen-to-housing ratio for an immersive viewing experience.

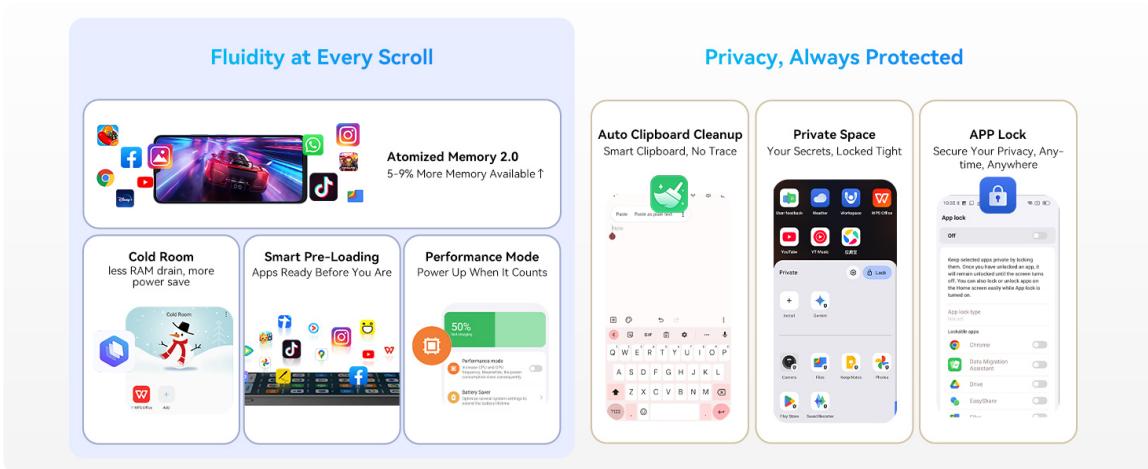


Image: A visual breakdown of the Smart 120Hz AI Refresh Rate, showing how it adapts from 60Hz for everyday browsing, 90Hz for casual gaming, and 120Hz for intense gaming and high-res video streams, with AI adjusting on the fly to save power.

### 4.2. Performance and Storage

Equipped with a 5G Octa-Core Unisoc T8100 processor and up to 12GB expandable RAM, the Tiger 8 ensures smooth multitasking and fast app launches. The 128GB internal storage is expandable up to 2TB with a microSD card.

# 5G Octa-Core Unisoc T8100

AI-Powered. Break through speed limits.



6nm EUV



LPDDR4X +  
UFS2.2



Arm Mali G57  
650MHz



4\*A76 2.2GHz  
4\*A55 2.0GHz



451815  
points



3.2 TOPS  
Hashrate



Over **86555mm<sup>2</sup>** total heat dissipation area

Image: Details of the 5G Octa-Core Unisoc T8100 processor, highlighting its 6nm EUV technology, LPDDR4X + UFS2.2, Arm Mali G57 GPU, and 451815 Antutu benchmark score, indicating AI-powered speed and performance.

# 12GB RAM (4GB+8GB)



Image: A graphic illustrating the 12GB RAM (4GB physical + 8GB virtual) and 128GB ROM with 2TB TF expansion, emphasizing faster app launch (15% faster) and the ability to run 16 apps concurrently in the background, suitable for working, video editing, and fluent gaming.

## 4.3. Camera Features

Capture sharp and vibrant photos with the 16MP main camera and stunning 4K Ultra Video. The 8MP AI front camera enhances selfies with adjusted lighting and skin tones. Various modes like HDR, Night Mode, and Portrait Mode are available.

# Crystal-Clear AI 16MP Main + 8MP Front Camera

Vivid Moments, Smartly Captured



4K FHD+  
Video



AI Scene  
Recognition



Face Fill  
Light



Smile  
Shutter



Face Unlock

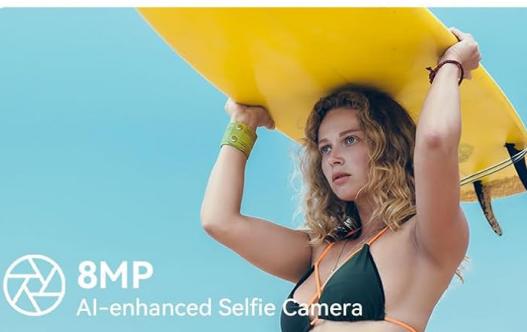


Image: A visual showcasing the 16MP AI Main Camera with AI Scene Recognition and Smile Shutter, and the 8MP AI-enhanced Selfie Camera with Face Fill Light and Face Unlock, both capable of 4K FHD+ Video Recording.

## Fluidity at Every Scroll



Atomized Memory 2.0  
5-9% More Memory Available ↑



Cold Room  
less RAM drain, more power save



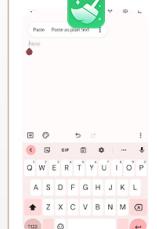
Smart Pre-Loading  
Apps Ready Before You Are



Performance Mode  
Power Up When It Counts

## Privacy, Always Protected

Auto Clipboard Cleanup  
Smart Clipboard, No Trace



Private Space  
Your Secrets, Locked Tight



APP Lock  
Secure Your Privacy, Anytime, Anywhere



Image: A display of various camera modes available on the OSCAL Tiger 8, including Night mode for low light, Beauty mode for natural enhancements, Portrait mode for focused subjects, and HDR for vivid, true-to-life shots.

## 4.4. Battery Life and Charging

The 5000mAh battery, combined with AI Power Saving, offers extended usage. With 18W fast charging, your phone can reach 50% battery in approximately 43 minutes.



Image: A graphic detailing the 5000mAh battery, 18W fast charging (50% in 43 minutes), over 800 battery cycles with 80% capacity retained, AI Overnight Charging Protection, and AI Power Saving features, along with estimated usage times for standby, calling, music, browsing, video, and gaming.

#### 4.5. AI and Software

Running on Android 15 with DokeOS 4.2, the Tiger 8 offers enhanced security, privacy, and user-friendly features. AI engines like DeepSeek, ChatGPT, and Gemini provide intelligent assistance for various tasks.

# Doke AI

More Effortless with More Fun



deepseek



ChatGPT



Gemini



Hey, Google



Voice Wake-up & Voiceprint Recognition



Smart Q&A



Smart Global Control

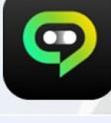


Seamless Voice Interaction



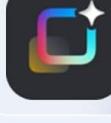
Get Help With What's on Your Screen

**AI Smart Chat App**



Give me some ideas

**AI Image Editing App**



**AI Video Trimming App**



**AI Music Editing App**

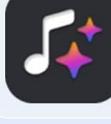


Image: An illustration of Doke AI features, including voice wake-up & voiceprint recognition, seamless voice interaction, Smart Q&A, and Smart Global Control, with examples of AI Smart Chat, Image Editing, Video Trimming, and Music Editing apps.

# Android 15



Image: A visual representation of the Android 15 operating system combined with DokeOS 4.2, showcasing a modern interface with various app icons and widgets, emphasizing security, privacy, and ease of use.

## 4.6. Connectivity and Security

The device supports NFC for contactless payments, Dual 5G SIM for broad network coverage, and multiple navigation systems (GPS, Glonass, Beidou, Galileo). Secure access is provided through face unlock and fingerprint unlock.

# Discover More Highlights

## NFC Ready

Tap to Pay, Pair, and Share Instantly



## Dual 5G Support

Seamless Speed on Both SIMs



## GPS+Glonass+Beidou+Galileo

Accurate Positioning Everywhere



## Face & Fingerprint Unlock

Two Ways, One Instant Unlock



Image: A graphic highlighting key features such as NFC for contactless payments, Dual 5G SIM support for seamless speed, GPS+Glonass+Beidou+Galileo for accurate navigation, and Face & Fingerprint Unlock for instant secure access.

Video: An overview video showcasing the OSCAL Tiger 8 5G Android Phone's features, including its display, camera, performance, and design.

## 5. MAINTENANCE

- Software Updates:** Regularly check for and install system updates to ensure your device has the latest security patches and features. Go to *Settings > System > System updates*.
- Battery Care:** To prolong battery life, avoid extreme temperatures and do not let the battery drain completely too often. Utilize AI Power Saving features.
- Cleaning:** Use a soft, lint-free cloth to clean the screen and body of the phone. Avoid harsh chemicals.
- Storage Management:** Periodically clear unnecessary files and cache to maintain optimal performance. Use the built-in 'System Manager' for app management and auto-cleanup.

## 6. TROUBLESHOOTING

### 6.1. Device Lagging or Freezing

- **Close Background Apps:** Swipe up from the bottom of the screen and clear all recent applications.
- **Uninstall Unused Apps:** Remove applications you no longer use to free up system resources.
- **Restart Device:** A simple restart can often resolve temporary performance issues. Press and hold the power button, then select 'Restart'.
- **Expand RAM:** If your device supports memory expansion, navigate to *Settings > About phone > RAM* and adjust the expansion size. A restart is required for changes to take effect.

### 6.2. Wi-Fi Not Connecting or Dropping

- **Reset Wi-Fi Settings:** Go to *Settings > System > Reset options > Reset Bluetooth & Wi-Fi* This will reset all network settings.
- **Restart Router:** Power cycle your Wi-Fi router.

### 6.3. Camera Error: "Go to System Setting to Empower Permissions"

- **Clear Camera App Data:** Long-press the Camera app icon, tap 'App info', then go to *Storage & cache > Clear storage*. This will reset the app to its default state.
- **Check Permissions:** Ensure the Camera app has all necessary permissions enabled under *Settings > Apps & notifications > Camera > Permissions*.

## 7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	OSCAL Phone Tiger 8
Operating System	Android 15 (DokeOS 4.2)
Screen Size	6.88 Inches
Resolution	720 x 1640 (HD+)
Refresh Rate	120 Hz (AdaptiveSync)
CPU Model	Unisoc T8100 Octa-Core
RAM Memory	12 GB (expandable)
Storage Capacity	128 GB (expandable to 2TB)
Main Camera	16 MP
Front Camera	8 MP

Battery Capacity	5000 Milliamp Hours
Fast Charging	18W
Connectivity	5G, USB, Wi-Fi, Bluetooth, NFC
Navigation	GPS, Glonass, Beidou, Galileo
Security	Fingerprint Unlock, Face Unlock
Dimensions	2 x 2 x 2.7 inches
Item Weight	1.1 pounds

## 8. WARRANTY AND SUPPORT

Every OSCAL device includes a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures your unlocked Android phone stays secure, smooth, and up to date with ongoing OTA (Over-The-Air) updates.

For technical assistance, troubleshooting, or warranty claims, please contact OSCAL customer support through their official channels. Keep your purchase receipt and device's serial number handy.



Image: A graphic detailing OSCAL's customer service commitment, including 24/7 Customer Support, 30-Day Free Return & Exchange, and 3-Year After-Sales Support.

